

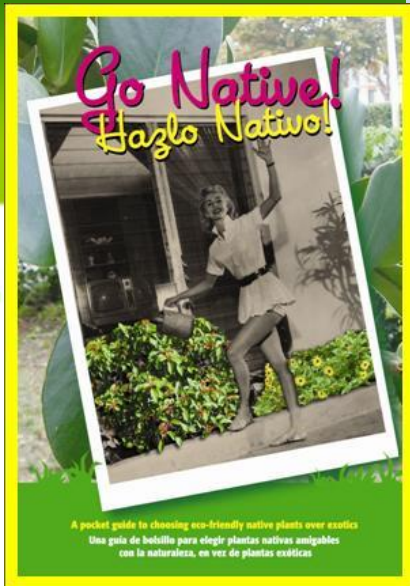


CITIZENS
FOR A BETTER
SOUTH FLORIDA

Citizens for a Better South Florida Tree Planting Results at Northside Metrorail Station on 79th Street



Gloria A. Antia, BS



Citizens for a Better South Florida

Who we are:

- Founded in 1989
- Non-profit, non advocacy, membership based
- Our mission is to provide environmental education, particularly to the underserved communities that inspires active stewardship and preservation of the South Florida environment.



How We Do It



Engagement



Education



Environment

2007-2013

Summary of Accomplishments



668 Events



4,744 Trees Planted
85% Survivability Rate



23,768 Volunteers
20,000+ Hours Served



2007-2013

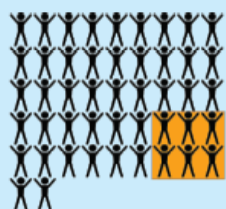
Neighbors Replanting Neighborhoods



- | | |
|-------------------|---------------------|
| -Allapattah | -Gratigny |
| -Arcola Lakes | -Kensington Park |
| -Bayside Foliage | -Liberty City |
| -Bob O'link Drive | -Little Gables |
| -Brownsville | -Little Haiti |
| -Coral Gate | -Little Havana |
| -Coral Way | -Little River Drive |
| -Country Club | -Manning Gardens |
| -Edgewater | -Model City |
| -Flagami | -Westview |

2013 PROGRAM HIGHLIGHTS

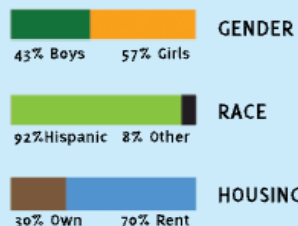
Community Science Workshop



52 Youth Educated

6 Students Admitted
to Magnet Schools

Program Demographics



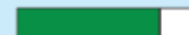
Habitat Restoration



- 84% Gained Knowledge
- 4 types of native ecosystems
 - 3 types of native plant species
 - 3 major benefits of biodiversity



Neighbors Replanting Neighborhoods



- 87% Gained Knowledge
- community benefits of trees
 - need for Miami urban reforestation
 - proper maintenance of trees

Program Goals

- To improve our quality of life
- Build better communities
- Educate the public about urban forest benefits.
- Provide free or low-cost tree resources.



Benefits of Trees

For a planting cost of \$250-600 a single street tree returns over \$90,000 of direct benefits (not including aesthetic social and natural)

- ▣ Aesthetic
- ▣ Economic \$\$\$
- ▣ Environmental
- ▣ Social → Health
psychological



Hayed Hassel



Trees add value to homes, neighborhoods and business



Planting Projects in Partnership with the CIAB



YEAR	DISTRICT	NEIGHBORHOOD	#TREES
2011	2	Westview	34
	2	Gratigny	22
	1	Opa-Locka	14
	2	Manning Gardens	26
	2	J Bar J Trailer Ranch	8
	City of Miami		100
2012	1	Bob O'Link Dr.	40
	6	West End Park	85
	2	NE Little River Dr	20
	1	Bob O' Link Drive	58
2013	2	Little River Dr	20
	6	Little Gables	28
	9	Bethel House	16
2014	2	North Side Metro Station	20



TOTAL TREES PLANTED: 529

COMMUNITY PLANTINGS



Northside Metrorail Station Tree Planting

Sponsored by TD Bank and in
partnership with the Community
Image Advisory Board





THE RESULT!!!!



i-tree Analysis

Annual Stormwater Benefits of Public Trees by Species

Species	Total Rainfall Intercepti on (Gal)	Total (\$)	Standard Error	% of Total Tree Numbers	% of Total \$	Avg. \$/tree
Mahogany	278.54	0.84 (N/A)		40.00	27.97	0.10
Paradise tree	216.09	0.65 (N/A)		25.00	21.70	0.13
Broadleaf Evergreen						
Medium Other	396.89	1.19 (N/A)		20.00	39.85	0.30
Silk floss tree	104.45	0.31 (N/A)		15.00	10.49	0.10
Citywide total	995.98	2.99 (N/A)		100.00	100.00	0.15

Stored CO2 Benefits of Public Trees by Species

Species	Total stored CO2 (lbs)	Total (\$)	Standard Error	% of Total Tree Numbers	% of Total \$	Avg. \$/tree
Mahogany	37.06	0.13 (N/A)		40.00	57.52	0.02
Paradise tree	4.18	0.01 (N/A)		25.00	6.49	0.00
Broadleaf Evergreen						
Medium Other	9.29	0.03 (N/A)		20.00	14.42	0.01
Silk floss tree	13.90	0.05 (N/A)		15.00	21.57	0.02
Citywide total	64.42	0.22 (N/A)		100.00	100.00	0.01



Neighborhood Tree Planting!

Citizens for a Better South Florida & Mz. Goose invites you to celebrate the environment and help us build a stronger community.



09.07.13 | 8:30AM - 11:30AM
BETHEL HOUSE AFRICAN-BAHAMIAN MUSEUM
18201 SW 102 Court, Perrine, FL 33157
Commissioner Dennis Moss, District 9



Join your fellow neighbors & friends and help us plant trees to create a more natural, livable and healthier place to live.



Bring water bottles, sunscreen, closed-toed shoes, gloves, and shovels if possible.

RSVP by 09.05.13 to info@abettersouthflorida.org or 305.648.0000

www.abettersouthflorida.org

Country Club of Miami

Join Citizens for a Better South Florida for a...

NEIGHBORHOOD TREE PLANTING DAY

Plant trees to build a stronger community.

*Trees will be planted to honor those affected by the tornadoes in Oklahoma

06.08.13 | 8:00AM-11:00AM

Country Club of Miami

19000 Bobolink Drive, Miami, FL



Neighbors Replanting Neighborhoods Initiative

RSVP:

305.648.0000
info@abetttersouthflorida.org
www.abetttersouthflorida.org

What to Bring:

- Water Bottle
- Sun Screen
- Closed-Toed Shoes
- Gloves (if possible)
- Shovels (if possible)

WANT TO DO MORE?

We are collecting donations for the American Red Cross Disaster Relief Fund or you can text "REDCROSS" to "90999" to donate \$10 from your phone.

Sponsored by:



CITIZENS
FOR A BETTER
SOUTH FLORIDA



MIAMI-DADE
COUNTY

